

REMARKS

Applicant respectfully requests reconsideration of this application as amended. Claims 1, 3 through 15, and 17 through 22 are pending in this application. Claims 2 and 16 were previously cancelled. Claims 19 through 22 were previously added.

DRAWING ISSUES

In the Office Action, at paragraph 2, Figure 9 was objected to for not including reference number 923. Applicant has determined that the original specification was in error in four places. In the previous amendment and response, applicant amended the specification to change the incorrect recitation of "923" to now correctly recite "932" on page 18, lines 10 and 22. In this present amendment and response, applicant additionally has amended the specification to change the incorrect recitation of "923" to now correctly recite "932" on page 17, line 19 and page 18, line 2. Applicant respectfully points out that Figure 9 does presently disclose a "pull-up resistor 932".

SPECIFICATION ISSUES

As mentioned above in connection with the objections to the drawings, applicant has now amended the specification to change the remaining incorrect recitations of "923" to now correctly recite "932". No new matter has been added by these amendments to the specification.

SECTION 103 ISSUES

In the Office Action, at paragraph 5, claims 1, 3 through 11, 15, and 17 through 24 stand rejected under 35 U.S.C. §103(a) as being anticipated by Huang, et al., U.S. patent number 6,131,134 (hereinafter *Huang*), in view of Pollard et al. U.S. patent number 5,754,870 (hereinafter *Pollard*). Applicant respectfully traverses.

In the Office Action at paragraph 5, in reference to claim 8, it was admitted that *Huang* did not teach that said switch receives a detach control signal sent from a far end of said data bus. However, the Office Action then submitted that the recited limitation of claim 8 on the detach control signal wire, "to receive a detach control signal sent from a far end of said data bus", could be anticipated by the command output 52 signal carried by the switch control line 54 of *Pollard*. Applicant respectfully points out that *Pollard* discloses a *power management scheme*, not a *logical detachment scheme*, and that the command output 52 signal does not function as the recited "detach control signal". Please see, for example, the present application's specification at page 12, lines 6 through 12.

However, to further the prosecution of the present application, applicant has amended claim 8 to now recite in pertinent part "to receive a detach control signal sent from a far end of said data bus *to cause said apparatus to enter a logically detached state.*" (Applicant's emphasis added.) Applicant submits that this new language clearly distinguishes

the "detach control signal" of claim 8 from the power management "command output 52 signal" disclosed in *Pollard*.

Applicant now submits that claim 8 is distinguishable from subject matter disclosed in *Huang* and *Pollard*, either individually or in combination. Therefore applicant submits that claim 8 is allowable over the prior art of record.

Because claims 9 through 14 depend from independent claim 8, and because applicant believes that independent claim 8 is now allowable, applicant further believes that claims 9 through 14 are now allowable.

In the Office Action, in reference to claim 1, it is stated that "the method steps of claim 1 are inherently performed by the apparatus of claim 8, and therefore the rejection of claim 8 applies to claim 1." Applicant has amended independent claim 1 to now recite in pertinent part "a detach control signal sent from a far end of said data bus *to cause an apparatus* containing said first resistor and said switch *to enter a logically detached state*." (Applicant's emphasis added.) This recitation in the method of claim 1 is similar to that recited above in reference to independent claim 8. For similar reasons applicant believes amended claim 1 is not anticipated by the combination of *Huang* and *Pollard*, because *Pollard* does not show a detach control signal to cause an apparatus to enter a logically detached state. Applicant therefore believes that amended independent claim 1 is allowable over the cited *Huang* and *Pollard* references.

Because claims 3 through 7 depend from independent claim 1, and because applicant believes that independent claim 1 is now allowable, applicant further believes that claims 3 through 7 are now allowable.

In the Office Action, in reference to claim 15, it was admitted that *Huang* did not teach that said switch receives a detach control signal sent from a far end of said data bus. However, the Office Action then submitted that the recited limitation of claim 15 on means for controlling said switch with "a detach control signal sent from a far end of said data bus" could be anticipated by the command output 52 signal carried by the switch control line 54 of *Pollard*. Applicant again respectfully points out that *Pollard* discloses a *power management scheme*, not a *logical detachment scheme*, and that the command output 52 signal does not function as the recited "detach control signal".

As in the case of claim 8 above, applicant has amended claim 15 to now recite in pertinent part "a detach control signal sent from a far end of said data bus *to cause said apparatus to enter a logically detached state.*" (Applicant's emphasis added.) Applicant submits that this new language clearly distinguishes the "detach control signal" of claim 8 from the power management "command output 52 signal" disclosed in *Pollard*.

Applicant now submits that claim 15 is distinguishable from subject matter disclosed in *Huang* and *Pollard*, either individually or in combination. Therefore applicant submits that claim 15 is allowable over the prior art of record.

Because claims 17 and 18 depend from independent claim 15, and because applicant believes that independent claim 15 is now allowable, applicant further believes that claims 17 and 18 are now allowable.

In the Office Action, in reference to claim 19, it was admitted that *Huang* did not teach that said second circuit sends said detach control signal. However, the Office Action then submitted that the recited element of claim 19 of “a second circuit, coupled to said far end, to send said detach control signal” could be anticipated by the command output 52 signal carried by the switch control line 54 of *Pollard*. Applicant again respectfully points out that *Pollard* discloses a *power management scheme*, not a *logical detachment scheme*, and that the command output 52 signal does not function as the recited “detach control signal”.

As in the case of claim 8 above, applicant has amended claim 19 to now recite in pertinent part “a second circuit, coupled to said far end, to send said detach control signal *to cause said first circuit to enter a logically detached state.*” (Applicant’s emphasis added.) Applicant submits that this new language clearly distinguishes the “detach control signal” of claim 19 from the power management “command output 52 signal” disclosed in *Pollard*.

Applicant now submits that claim 19 is distinguishable from subject matter disclosed in *Huang* and *Pollard*, either individually or in combination. Therefore applicant submits that claim 19 is allowable over the prior art of record.

Because claims 20, 21, and 22 depend from independent claim 19, and because applicant believes that independent claim 19 is now

allowable, applicant further believes that claims 20, 21, and 22 are now allowable.

SUMMARY

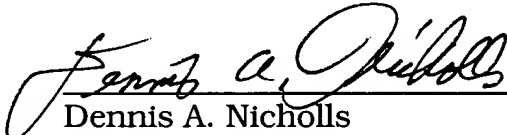
Applicant believes that all pending claims are allowable over the cited art of record. Applicant therefore respectfully requests that all pending claims 1, 3 through 15, and 17 through 22 be allowed.

If the Examiner finds any remaining impediment to the prompt allowance of these claims that could be clarified with a telephone conference, the Examiner is respectfully requested to contact applicant's representative, Dennis A. Nicholls, at (408) 765-5789.

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due.

Respectfully submitted,

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